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Product datasheet for RN204398

Mbtps1 (NM_053569) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mbtps1 (NM_053569) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mbtps1
Synonyms:	S1p; Ski-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>RN204398 representing NM_053569
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAGCTCGTCAACATCTGGCTTCTTCTGCTGGTGGTTTTGCTCTGTGGGAAAAAGCATCTGGGTGACA
GGCTGGGGAAGAAAGCTTTTGAAAAGGCCCCATGCCCCAGCTGTTCCCACCTGACTTTGAAGGTGGAATT
CTCCTCAACTGTGGTGGAATATGAATATATTGTGGCTTTCAACGGATACTTCACAGCCAAAGCTAGAAAC
TCATTTATTTCAAGTGCTCTAAAAAGCAGTGAAGTGGACAACTGGAGAATAATACCTCGGAACAACCCAT
CTAGTGACTACCCTAGTGATTTTGAGGTGATTCAGATAAAAGAGAAGCAGAAGGCGGGGCTGCTCACACT
TGAAGATCACCCAAACATCAAGCGGGTGACACCCCAGCGGAAAGTCTTTCGTTCCCTGAAGTTTGCTGAA
TCCGACCCCATTGTGCCCTGTAATGAGACCCGGTGGAGCCAGAAGTGGCAGTCATCACGTCCCCTGAAAA
GAGCCAGTCTCTCCCTGGGCTCTGGATTCTGGCATGCAACAGGAAGGCATTCAAGTCGACGATTGCTGAG
AGCCATTCCTCGCCAGGTTGCCCAGACATTGCAGGCAGATGTGCTTTGGCAGATGGGATACACAGGTGCT
AATGTCAGGGTTGCCGTTTTTGATACTGGGCTCAGTGAGAAGCATCCACATTTCAAGAATGTGAAGGAAA
GAACCAACTGGACCAATGAGCGGACCCTGGACGATGGGCTGGGCCATGGCACATTCGTTGCAGGTGTGAT
TGCCAGCATGAGAGAGTGCCAAGGATTTGCCCCAGATGCAGAGCTGCACATCTTCAGGGTCTTTACCAAC
AATCAGGTGTCTTACACGTCTTGGTTTTTGGATGCCTTCAACTATGCCATCCTAAAGAAGATGGACGTTC
TGAACCTTAGCATCGGTGGGCCTGACTTCATGGATCACCCCTTTGTTGACAAGGTATGGGAATTAACAGC
GAACAATGTAATCATGGTTTCTGCTATTGGCAATGATGGACCTCTCTATGGCACTCTGAATAACCCTGCT
GATCAGATGGATGTGATTGGAGTGGGTGGCATTGACTTTGAAGACAACATCGCCCGCTTCTCTTCCAGGG
GAATGACTACCTGGGAACTACCGGGAGGCTATGGTCGTGTGAAGCCTGACATTGTCACCTATGGTGCTGG
AGTGCGGGGTTCTGGTGTGAAAGGGGGCTGCCGTGCACTCTCAGGGACCAGTGTCGCCTCCCCAGTGGTT
GCTGGGGCTGTCACCTTGTTAGTAAGCACAGTACAGAAGCGGGAGCTAGTGAATCCTGCCAGTGTGAAGC
AAGCTTTGATAGCATCAGCCCGGAGACTTCCTGGTGTCAACATGTTTGAGCAAGGCCATGGCAAGTTGGA
TCTACTGCGAGCCTATCAGATCCTCAGCAGCTATAAACCGCAGGCGAGCCTGAGTCCTAGCTACATCGAC

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CTGACTGAGTGTCCCTACATGTGGCCCTACTGCTCCCAGCCCATCTACTATGGAGGAATGCCAACAATTG
TTAATGTCACCATCCTCAATGGCATGGGAGTTACAGGAAGAATTGTGGATAAGCCTGAGTGGCGACCCTA
TTTACCACAGAATGGAGACAACATTGAAGTGGCCTTCTCCTACTCCTCAGTGTTGTGGCCTTGGTCAGGT
TACCTTGCCATCTCCATTTCTGTGACCAAGAAGGCAGCTTCCTGGGAAGGCATCGCGCAGGGCCACATCA
TGATCACAGTGGCTTCCCCAGCAGAGACGGAATTAAAAAATGGTGCCGAGCATACTTCCACAGTGAAGCT
GCCCATCAAGGTGAAGATCATTCCCACCCCTCCTCGGAGCAAGAGAGTCCTCTGGGACCAGTACCACAAC
CTCCGCTACCCACCCGGCTACTTCCCCAGGGACAACTTGCGGATGAAGAATGATCCTTTAGACTGGAATG
GCGACCACGTCCACACCAACTTCAGGGACATGTACCAGCATCTGCGCAGCATGGGCTACTTTGTGGAGGT
GCTTGGTGCCCCATTCACATGCTTTGACGCCACGCAGTACGGCACTCTGCTTATGGTGGACAGTGAGGAA
GAGTACTTCCCTGAGGAGATTGCTAAGCTGAGGAGGGACGTGGACAATGGCCTTTCCCTTGTCGTCTTCA
GTGACTGGTACAACACTTCTGTTATGAGAAAAGTGAAGTTTTACGATGAAAACACAAGGCAGTGGTGGAT
GCCAGATACTGGAGGAGCCAACGTCCCAGCTCTAAACGAGCTGCTGTCTGTGTGGAACATGGGGTTCAGT
GACGGCCTGTATGAAGGGGAGTTTGCCCTGGCAAACCACGACATGTACTATGCATCGGGGTGCAGCATTG
CCAGGTTTCCAGAAGATGGTGTGGTGATCACACAGACTTTCAAGGACCAAGGATTGGAAGTCTTAAAACA
AGAGACAGCAGTTGTCGACAATGTCCCCATTCTGGGGCTATATCAGATTCCAGCTGAAGGTGGAGGCCGG
ATTGTGCTGTATGGAGACTCCAACTGCTTGGATGACAGTCACAGACAGAAGGACTGCTTTTGGCTTCTGG
ATGCACTCCTTCAGTACACATCCTATGGTGTGACCCCTCCCAGCCTCAGCCATTCAGGGAACCGGCAGCG
CCCACCCAGCGGGGCTGGCTTGGCCCCTCCTGAAAGGATGGAAGGAAACCACCTTCATCGCTACTCCAAA
GTTCTTGAGGCCCACTTGGGAGACCCGAAACCTCGGCCCCTTCCAGCCTGTCCACACTTGTCGTGGGCCA
AGCCACAGCCTTTGAATGAGACGGCACCCAGTAATCTTTGGAAACACCAGAAGCTGCTCTCCATTGACCT
GGACAAAGTAGTGTTACCCAACTTTCGCTCAAATCGCCCTCAAGTGAGACCTTTGTCCCCTGGAGAAAGT
GGTGCCTGGGACATTCCTGGAGGGATCATGCCTGGCCGCTACAACCAGGAAGTAGGCCAGACCATCCCTG
TTTTTGCCTTCCTTGGAGCCATGGTGGCCCTGGCCTTCTTCGTGGTACAGATCAGTAAGGCCAAGAGCCG
GCCGAAGCGGAGGAGGCCCAGGGCAAAGCGTCCACAACTTGCACAGCAGGCCCACCCTGCAAGGACCCCG
TCAGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053569

Insert Size: 3159 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: NM_053569.1, NP_446021.1

RefSeq Size:	3895 bp
RefSeq ORF:	3159 bp
Locus ID:	89842
UniProt ID:	Q9WTZ3
Cytogenetics:	19q12
Gene Summary:	widely expressed Ca2+-dependent serine proteinase for cleavage of pro-brain-derived neurotrophic factor [RGD, Feb 2006]